

# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

## VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
011	Meters	3658457.141	1112295.580
	U S Survey ft.	12002788.137	3649256.414
	Int'l ft.	12002812.143	3649263.713

## REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S45°48'17"W	84.48'	— — — —
RM2	N41°54'30"W	44.60'	— — — —
RM3	N44°41'13"E	708.21'	— — — —

## VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 85.72'

FOR WRITTEN DESCRIPTION &  
ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY  
YORK COUNTY

DISTRICT  
BRUTON

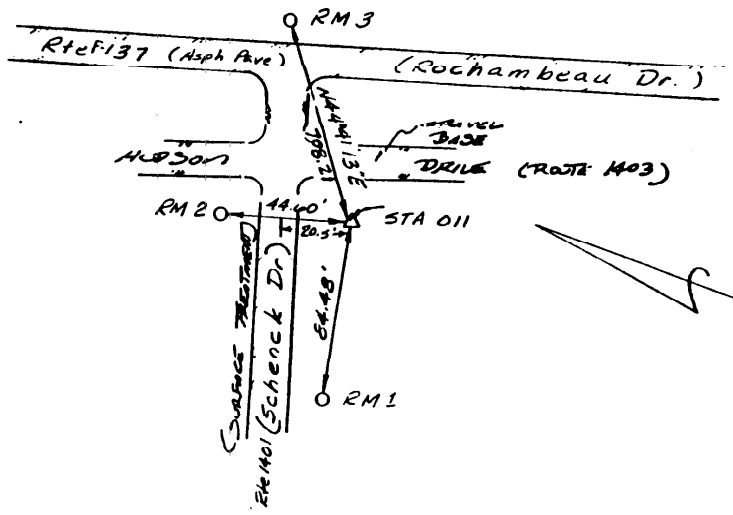
STATION NUMBER:

011

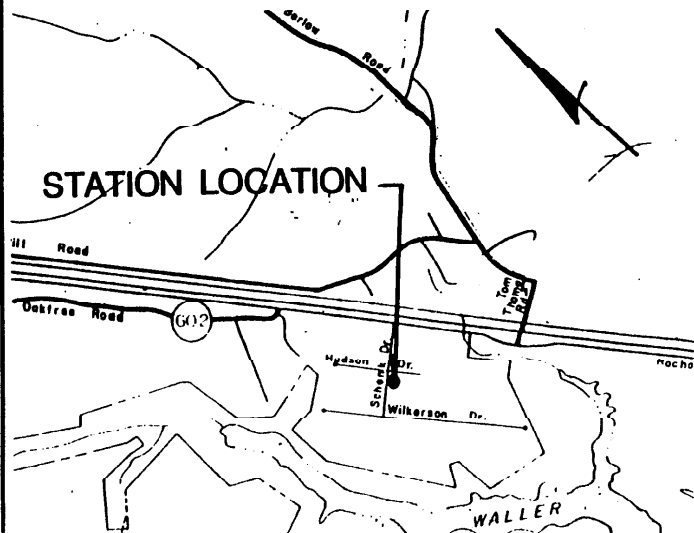
FIELD BOOKS

PS 321/29

## LOCATION SKETCH



## LOCATION MAP (Scale: 1"=2000')



# STATION DESCRIPTION

- STATION 011: A 3-1/4" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 011". The disk is located on Route 1401 (Schenck Drive), near the intersection with Route 1403 (Hudson Drive), 20.5' east of the center line of Route 1401, 7.5' north of Virginia Power utility pole #SC-5.
- REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 21.0' south of the center line of Route 1401 (Schenck Drive), 5.5' north of Virginia Power utility pole #KP-62.
- REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 25.5' north of the center line of Route 1401 (Schenck Drive), 22.5' west of the center line of Route 1403 (Hudson Drive).
- REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located at the intersection of Routes F-137 (Rochambeau Drive) and 1401 (Schenck Drive), 22.5' east of the center line of Route F-137, 56.5' northwest of Virginia Power utility repeater post.

STA 011	WITNESS POST PLACED	<u>6.5' South</u>
	OF THE STATION	
RM1	WITNESS POST PLACED	<u>5.0' Southeast</u>
	OF THE MARK	
RM2	WITNESS POST PLACED	<u>2.0' South</u>
	OF THE MARK	
RM3	WITNESS POST PLACED	<u>8.5' Northeast</u>
	OF THE MARK	

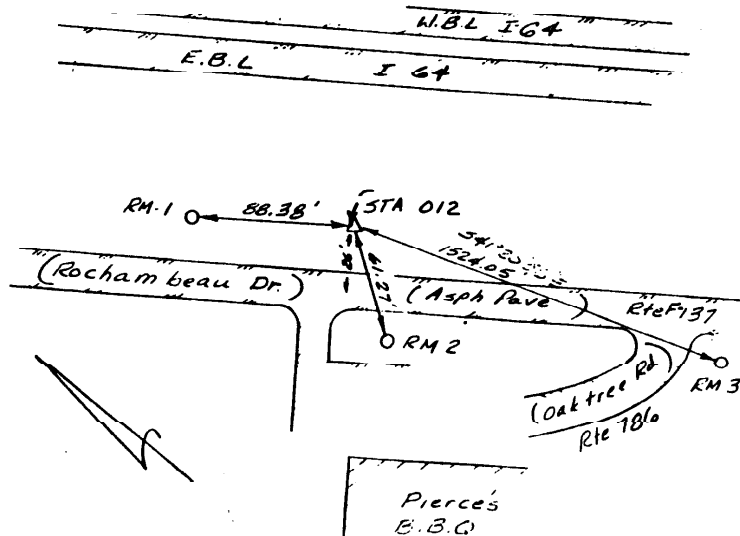
Station Name: 11

Latitude (dms)	37 19 54.16546
Longitude (dms)	76 42 42.53368
State Plane Zone (4502)	Virginia South
Easting (X) in meters	3658457.141
Northing(Y) in meters	1112295.580
Easting (X) in US Survey ft	12002788.137
Northing(Y) in US Survey ft	3649256.414
Easting (X) in international ft	12002812.143
Northing(Y) in international ft	3649263.713
Scale	.99994560
Convergence (dms)	1 5 7.058

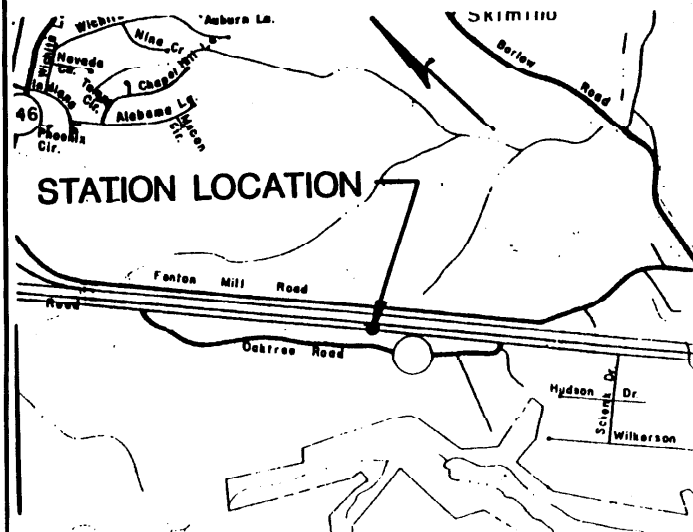
# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES--SOUTH ZONE (NAD 1983)				VERTICAL DATA	
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)	
012	Meters	3657963.316	1113141.994	Elevation Of Station= 100.68'	
	U S Survey ft.	12001167.981	3652033.358	FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
	Int'l ft.	12001191.983	3652040.662		
REFERENCE AND AZIMUTH MARK LOCATIONS				COUNTY/CITY	DISTRICT
OBJECT	BEARING	DISTANCE	ELEVATION	YORK COUNTY	BRUTON
RH1	N35°44'12"W	88.38'	----	STATION NUMBER:  <b>012</b>	
RH2	S22°08'22"W	61.27'	----		
RH3	S41°20'58"E	1,524.05'	----		
				FIELD BOOKS PS 321/28	

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



### STATION DESCRIPTION

- STATION 012:** A 3-1/4" disk in concrete, approximately 3" below the ground surface, stamped "STATION NO. 012". The disk is located on Route F-137 (Rochambeau Drive), south of Route 646 (Lightfoot Road), opposite Pierce's Pitt-Cooked Bar-B-Q, 26.0' northeast of the center line of Route F-137, 7.5' north of the I-64 intersection sign.
- REFERENCE MARK NO. 1:** A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 38.0' northeast of the center line of Route F-137 (Rochambeau Drive), 19.5' north of the stand of mail and paper boxes.
- REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 30.0' southwest of the center line of Route F-137 (Rochambeau Drive), 1.5' northeast of the edge of the asphalt pavement of Pierce's Pitt-Cooked Bar-B-Q parking lot.
- REFERENCE MARK NO. 3:** A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located at the south corner of the intersection of Routes F-137 (Rochambeau Drive) and 786 (Oaktree Road), 19.5' southwest of the center line of Route F-137, 33.5' southeast of the center line of Route 786.

**STA 012**    **WITNESS POST PLACED** 11.0' Northeast  
              **OF THE STATION**

**RM1**        **WITNESS POST PLACED** 2.5' North  
              **OF THE MARK**

**RM2**        **WITNESS POST PLACED** 3.5' North  
              **OF THE MARK**

**RM3**        **WITNESS POST PLACED** 9.0' Southwest  
              **OF THE MARK**

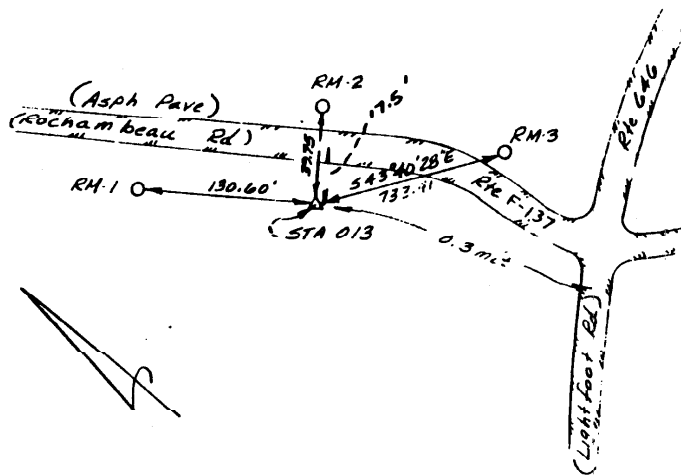
Station Name: 12

Latitude (dms)                    37   20 21.92024  
Longitude (dms)                   76   43 1.94168  
State Plane Zone (4502) Virginia South  
Easting (X) in meters            3657963.316  
Northing(Y) in meters            1113141.994  
Easting (X) in US Survey ft      12001167.981  
Northing(Y) in US Survey ft      3652033.358  
Easting (X) in international ft   12001191.983  
Northing(Y) in international ft   3652040.662  
Scale                                .99994552  
Convergence (dms)                1   4 55.279

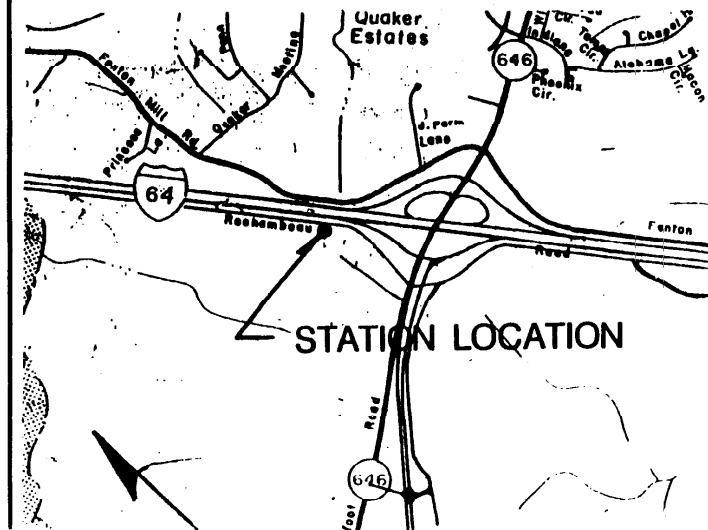
# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)				VERTICAL DATA	
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)	
013	Meters	3656224.721	1114984.230	Elevation Of Station= 118.53'	
	U S Survey ft.	11995463.938	3658077.429	FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
	Int'l ft.	11995487.929	3658084.745		
REFERENCE AND AZIMUTH MARK LOCATIONS				COUNTY/CITY	DISTRICT
OBJECT	BEARING	DISTANCE	ELEVATION	YORK COUNTY	BRUTON
RM1	N42°37'43"W	130.60'	---	STATION NUMBER: <b>013</b>	
RM2	N44°30'47"E	39.75'	---		
RM3	S43°40'28"E	733.41'	---		
				FIELD BOOKS PS 321/15	

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



### STATION DESCRIPTION

STATION 013: A 3-1/4" disk in concrete, approximately 8" below the ground surface, stamped "STATION NO. 013". The disk is located 17.5' west of the center line of Route F-137 (Rochambeau Drive), approximately 0.3 mile north of the intersection of Route F-137 and Route 646 (Lightfoot Road).

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 8" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 16.5' west of the center line of Route F-137 (Rochambeau Drive), north of STATION 013.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 5" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located opposite STATION 013, 22.0' east of the center line of Route F-137 (Rochambeau Drive).

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 5" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 19.5' east of the center line of Route F-137 (Rochambeau Drive), 3.0' north of the traffic direction sign.

STA 013 WITNESS POST PLACED 3.0' Southwest  
OF THE STATION

RM1 WITNESS POST PLACED 2.0' Southwest  
OF THE MARK

RM2 WITNESS POST PLACED 3.5' Southeast  
OF THE MARK

RM3 WITNESS POST PLACED 2.0' South  
OF THE MARK

Station Name: 13

Latitude (dms) 37 21 22.72895

Longitude (dms) 76 44 11.16627

**State Plane Zone (4502) Virginia South**

Easting (X) in meters 3656224.721

Northing(Y) in meters 1114984.230

Easting (X) in US Survey ft 11995463.938

**Northing(Y) in US Survey ft**                      **3658077.429**

Easting (X) in international ft 11995487.929

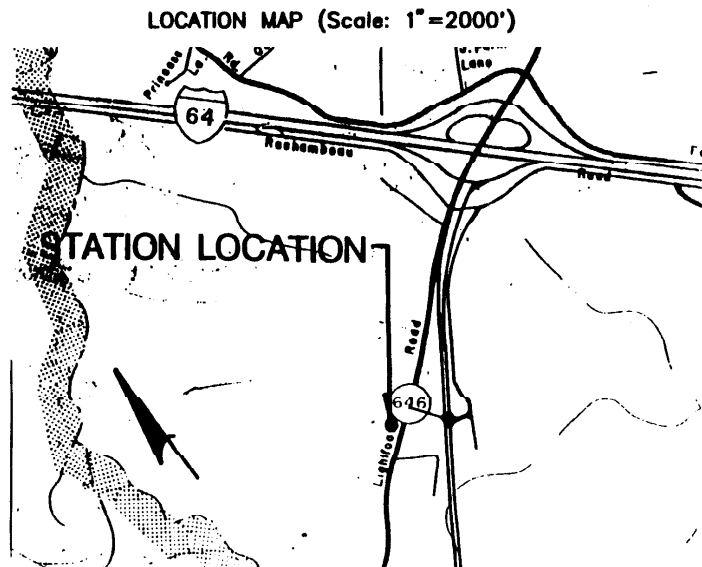
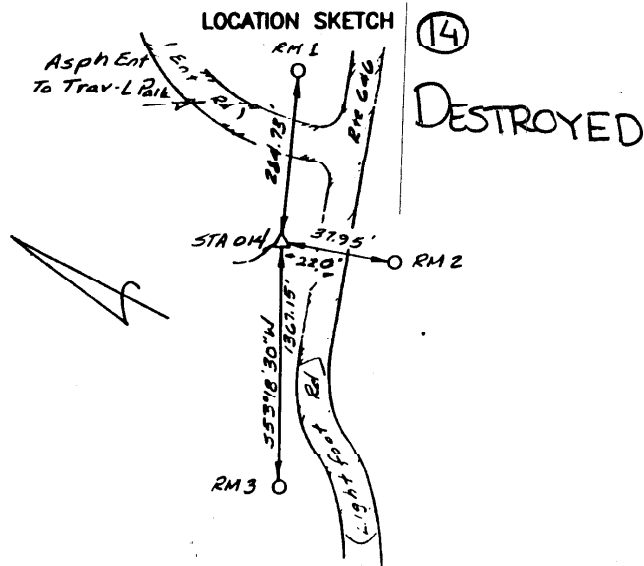
Northing(Y) in international ft 3658084.745

Scale .99994542

**Convergence (dms)**      1    4 13.265

# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)				VERTICAL DATA	
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)	
014	Meters	3655736.183	1113951.120	Elevation Of Station= 121.38'	
	U S Survey ft.	11993861.128	3654687.965	FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
	Int'l ft.	11993885.116	3654695.275		
REFERENCE AND AZIMUTH MARK LOCATIONS				COUNTY/CITY	DISTRICT
OBJECT	BEARING	DISTANCE	ELEVATION	YORK COUNTY	BRUTON
RM1	N53°50'53"E	284.73'	— — — —	STATION NUMBER:  <b>014</b>	
RM2	S35°52'30"E	37.95'	— — — —		
RM3	S53°18'30"W	1,367.15'	— — — —		
				FIELD BOOKS PS 321/17	



### STATION DESCRIPTION

- STATION 014: A 3-1/4" disk in concrete, approximately 6" below the ground surface, stamped "STATION NO. 014". The disk is located southwest of the entrance to the Trav-L-Park Campgrounds off Route 646 (Lightfoot Road), 22.0' west of the center line of Route 646, 53.0' northeast of Virginia Power utility pole #DJ-98.
- REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 24.5' north of the center line of Route 646 (Lightfoot Road), 11.0' southwest of Virginia Power utility pole #EK-30.
- REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 16.0' east of the center line of Route 646 (Lightfoot Road), opposite STATION 014.
- REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located southwest of STATION 014, 4.0' west of utility anchor pole, 39.0' west of the center line of Route 646 (Lightfoot Road).

STA 014	WITNESS POST PLACED	<u>4.0' North</u>
	OF THE STATION	
RM1	WITNESS POST PLACED	<u>3.0' North</u>
	OF THE MARK	
RM2	WITNESS POST PLACED	<u>17.5' Southwest</u>
	OF THE MARK	
RM3	WITNESS POST PLACED	<u>3.5' East</u>
	OF THE MARK	

Station Name: 14

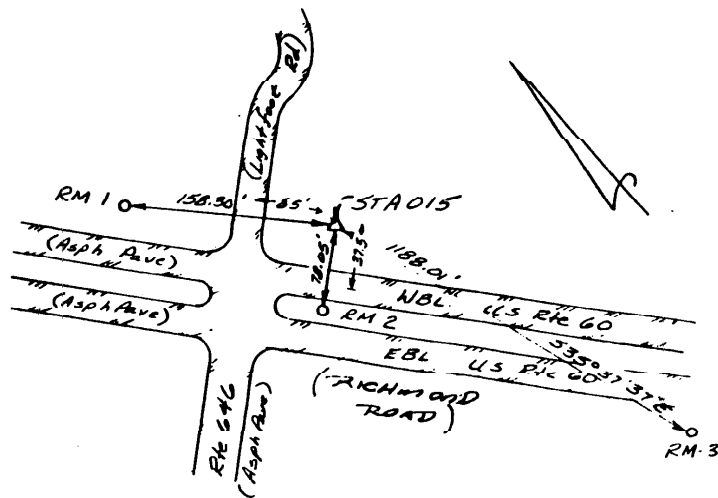
Latitude (dms)	37 20 49.51746
Longitude (dms)	76 44 31.79709
State Plane Zone (4502)	Virginia South
Easting (X) in meters	3655736.183
Northing(Y) in meters	1113951.120
Easting (X) in US Survey ft	11993861.128
Northing(Y) in US Survey ft	3654687.965
Easting (X) in international ft	11993885.116
Northing(Y) in international ft	3654695.275
Scale	.99994546
Convergence (dms)	1 4 .744



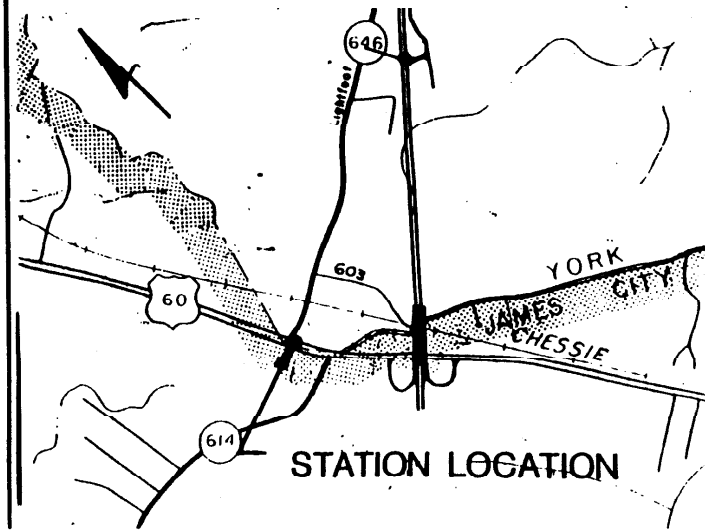
# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)				VERTICAL DATA	
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)	
015	Meters	3654695.201	1113148.398	Elevation Of Station= 124.74'	
	U S Survey ft.	11990445.839	3652054.370	FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
	Int'l ft.	11990469.820	3652061.674		
REFERENCE AND AZIMUTH MARK LOCATIONS				COUNTY/CITY	DISTRICT
OBJECT	BEARING	DISTANCE	ELEVATION	JAMES CITY COUNTY	BERKELEY
RM1	N25°18'04"W	158.30'	---	STATION NUMBER:  <b>015</b>	
RM2	S60°39'06"W	78.05'	---		
RM3	S35°37'37"E	1,188.01'	---		
				FIELD BOOKS PS 321/19	

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



### STATION DESCRIPTION

- STATION 015:** A 3-1/4" disk in concrete, approximately 3" below the ground surface, stamped "STATION NO. 015". The disk is located at the northeast corner of the intersection of Routes 60 (Richmond Road) and 646 (Lightfoot Road), 37.5' northeast of the center line of the westbound lanes of Route 60, 85.0' southeast of the center line of Route 646.
- REFERENCE MARK NO. 1:** A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 72.0' northwest of the center line of Route 646 (Lightfoot Road), 42.5' southeast of Virginia Power utility pole #VE-37.
- REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located in the grass median between the eastbound and the westbound lanes of Route 60 (Richmond Road), 40.5' southwest of the center line of the westbound lanes, 46.0' northeast of the center line of the eastbound lanes, 89.0' south of the edge of the pavement at the north end of the median.
- REFERENCE MARK NO. 3:** A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 20.5' southwest of the center line of the eastbound lanes of Route 60 (Richmond Road), 12.5' southeast of the red fire hydrant.

**STA 015** WITNESS POST PLACED 6.5' East  
OF THE STATION

**RM1** WITNESS POST PLACED 10.0' West  
OF THE MARK

**RM2** WITNESS POST PLACED 3.0' South  
OF THE MARK

**RM3** WITNESS POST PLACED 10.5' Southwest  
OF THE MARK

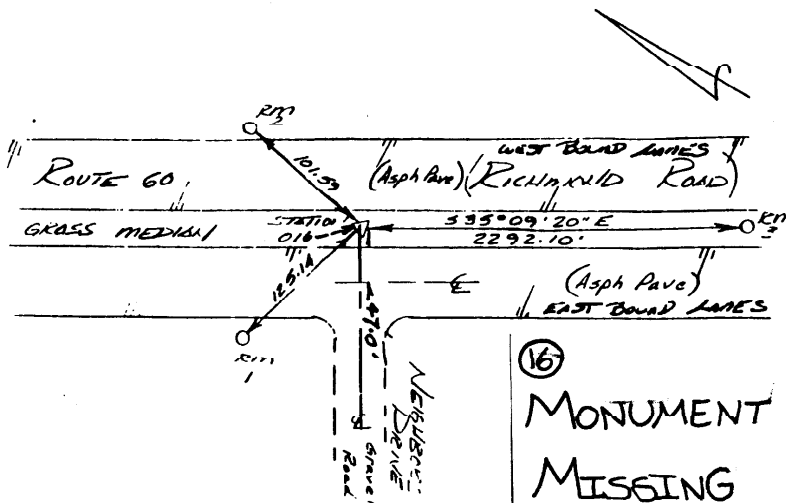
Station Name: 15

Latitude (dms) 37 20 24.10920  
Longitude (dms) 76 45 14.68998  
State Plane Zone (4502) Virginia South  
Easting (X) in meters 3654695.201  
Northing(Y) in meters 1113148.398  
Easting (X) in US Survey ft 11990445.839  
Northing(Y) in US Survey ft 3652054.370  
Easting (X) in international ft 11990469.820  
Northing(Y) in international ft 3652061.674  
Scale .99994552  
Convergence (dms) 1 3 34.711

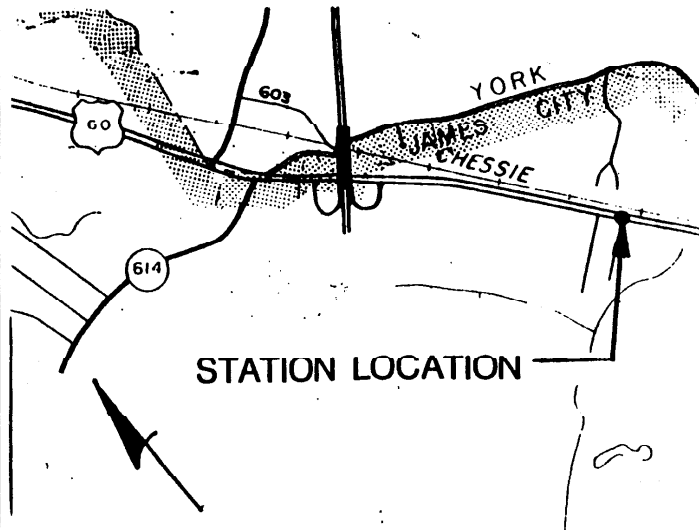
# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)				VERTICAL DATA	
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)	
016	Meters	3655852.125	1111864.236	Elevation Of Station= 86.83'	
	U S Survey ft.	11994241.513	3647841.247	FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
	Int'l ft.	11994265.502	3647848.543		
REFERENCE AND AZIMUTH MARK LOCATIONS				COUNTY/CITY	DISTRICT
OBJECT	BEARING	DISTANCE	ELEVATION	JAMES CITY COUNTY	BERKELEY
RH1	N81°40'54"W	125.14'	— — —	STATION NUMBER:  <b>016</b>	
RH2	N11°52'00"E	101.59'	— — —		
RH3	S35°09'20"E	2,292.10'	— — —		
				FIELD BOOKS PS 321/21	

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



### STATION DESCRIPTION

- STATION 016:** A 3-1/4" disk in concrete, approximately 6" below the ground surface, stamped "STATION NO. 016". The disk is located in the grass median between the eastbound and the westbound lanes of Route 60 (Richmond Road), at the intersection with Neighbors Drive, 47.0' northeast of the center line of the eastbound lanes, 38.0' southwest of the center line of the westbound lanes, on the center line (projected) of Neighbors Drive.
- REFERENCE MARK NO. 1:** A 2" disk in concrete, approximately 5" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 39.0' southwest of the center line of the eastbound lanes of Route 60 (Richmond Road), 7.0' north of Virginia Power utility pole #EL-45.
- REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 5" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 39.0' northeast of the center line of the westbound lanes of Route 60 (Richmond Road), 61.5' northwest of the nearest telegraph pole to the south.
- REFERENCE MARK NO. 3:** A 2" disk in concrete, approximately 5" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 36.5' south of the center line of the westbound lanes of Route 60 (Richmond Road), 25.0' north of the center line (projected) of the gravel driveway at 5801 Richmond Road.

STA 016	WITNESS POST PLACED	<u>4.0' Southeast</u>
	OF THE STATION	
RM1	WITNESS POST PLACED	<u>7.0' South</u>
	OF THE MARK	
RM2	WITNESS POST PLACED	<u>2.0' East</u>
	OF THE MARK	
RM3	WITNESS POST PLACED	<u>7.5' South</u>
	OF THE MARK	

Station Name: 16

Latitude (dms)	37 19 41.76298
Longitude (dms)	76 44 28.66658
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3655852.125
Northing(Y) in meters	1111864.236
Easting (X) in US Survey ft	11994241.513
Northing(Y) in US Survey ft	3647841.247
Easting (X) in international ft	11994265.502
Northing(Y) in international ft	3647848.543
Scale	.99994563
Convergence (dms)	1 4 2.644

# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)				VERTICAL DATA
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)
017	Meters	3656421.078	1110848.423	Elevation Of Station= 104.50'
	U S Survey ft.	11996108.153	3644508.534	
	Int'l ft.	11996132.146	3644515.823	

FOR WRITTEN DESCRIPTION &  
ADDITIONAL DATA SEE REVERSE SIDE

REFERENCE AND AZIMUTH MARK LOCATIONS			
OBJECT	BEARING	DISTANCE	ELEVATION
RH1	S03°20'58"W	185.48'	---
RH2	S55°05'42"E	158.04'	---
STATION 018	S20°15'56"E	2,461.49'	---

COUNTY/CITY  
JAMES CITY COUNTY

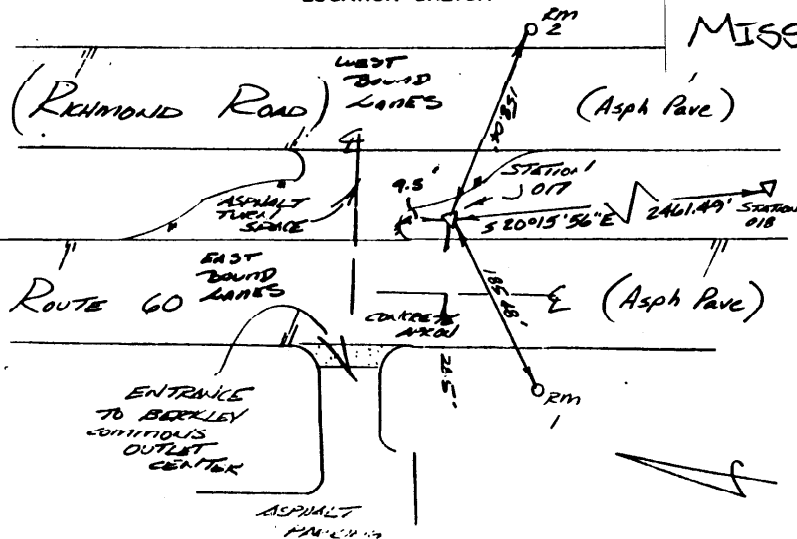
DISTRICT  
BERKELEY

STATION NUMBER:

017

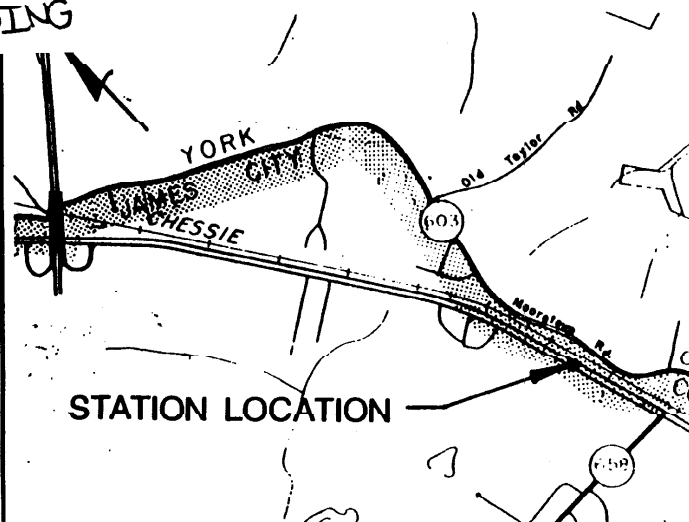
FIELD BOOKS  
PS 321/22

LOCATION SKETCH



⑦  
MONUMENT &  
AZIMUTH  
MISSING

LOCATION MAP (Scale: 1"=2000')



# STATION DESCRIPTION

- STATION 017: A 3-1/4" disk in concrete, approximately 4" below the ground surface, stamped "STATION NO. 017". The disk is located in the grass median between the eastbound and the westbound lanes of Route 60 (Richmond Road), opposite Berkley Commons Outlet Mall, 28.5' northeast of the center line of the eastbound lanes, 57.5' southwest of the center line of the westbound lanes, 9.5' south of the edge of the pavement at the north end of the median.
- REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 6" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 46.0' southwest of the center line of the eastbound lanes of Route 60 (Richmond Road), 14.5' south of Virginia Power utility pole #M-24.
- REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 32.5' east of the center line of the westbound lanes of Route 60 (Richmond Road), 16.0' northwest of the nearest telegraph pole to the south.
- REFERENCE MARK NO. 3: A 2" disk in concrete, approximately     " below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located                     No Reference Mark No. 3                    .

STA 017 WITNESS POST PLACED 8.0' West  
OF THE STATION

RM1 WITNESS POST PLACED 15.0' North  
OF THE MARK

RM2 WITNESS POST PLACED 2.0' East  
OF THE MARK

RM3 WITNESS POST PLACED                       
OF THE MARK

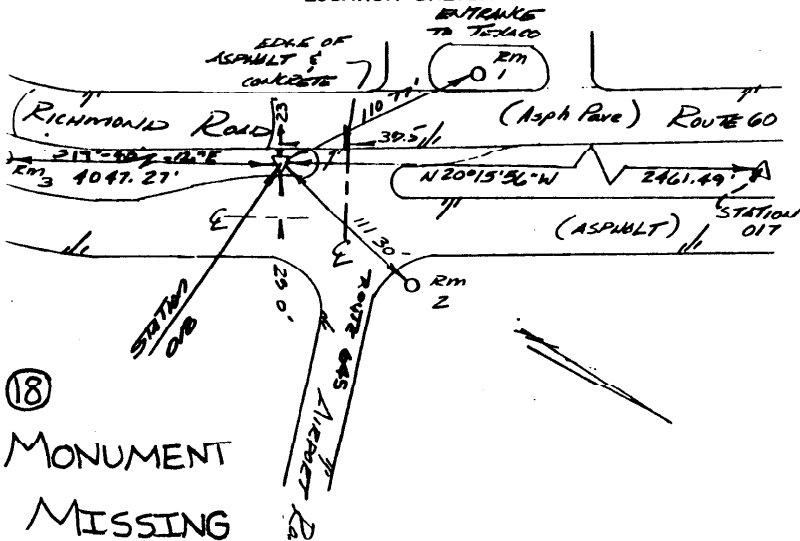
Station Name: 17

Latitude (dms) 37 19 8.47239  
Longitude (dms) 76 44 6.33022  
State Plane Zone (4502) Virginia South  
Easting (X) in meters 3656421.078  
Northing(Y) in meters 1110848.423  
Easting (X) in US Survey ft 11996108.153  
Northing(Y) in US Survey ft 3644508.534  
Easting (X) in international ft 11996132.146  
Northing(Y) in international ft 3644515.823  
Scale .99994576  
Convergence (dms) 1 4 16.200

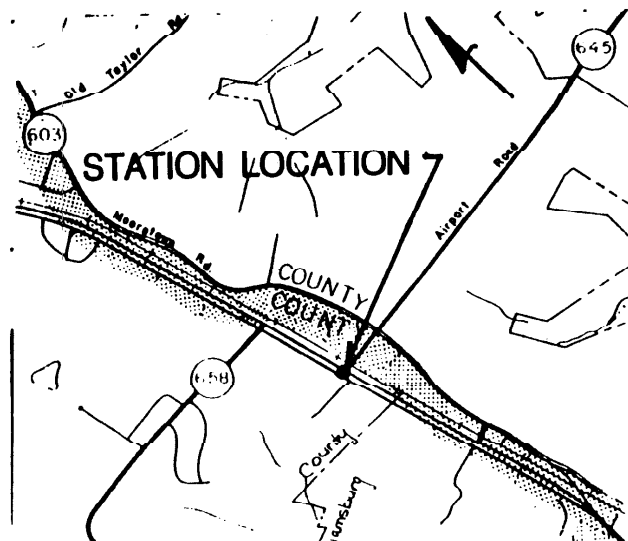
# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)				VERTICAL DATA	
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)	
018	Meters	3656680.948	1110144.603	Elevation Of Station= 104.91'	
	U S Survey ft.	11996960.744	3642199.420	FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
	Int'l ft.	11996984.738	3642206.704		
REFERENCE AND AZIMUTH MARK LOCATIONS				COUNTY/CITY	DISTRICT
OBJECT	BEARING	DISTANCE	ELEVATION	JAMES CITY COUNTY	BERKELEY
RM1	N46°23'47"W	110.77'	---	STATION NUMBER:  <b>018</b>	
RM2	N44°03'15"E	111.30'	---		
RM3	S19°43'12"E	4,047.27'	---		
STATION 017	N20°15'56"W	2,461.49'	---		
				FIELD BOOKS PS 321/23	

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



### STATION DESCRIPTION

- STATION 018:** A 3-1/4" disk in concrete, approximately 3" below the ground surface, stamped "STATION NO. 018". The disk is located in the grass median between the eastbound and the westbound lanes of Route 60 (Richmond Road), at the intersection with Route 645 (Airport Road), 23.0' northeast of the center line of the eastbound lanes of Route 60, 39.5' south of the center line (projected) of Route 645 (Airport Road).
- REFERENCE MARK NO. 1:** A 2" disk in concrete, approximately 6" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 26.0' west of the center line of the eastbound lanes of Route 60 (Richmond Road), 6.5' southeast of the flag pole.
- REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 35.5' north of the center line of the westbound lanes of Route 60 (Richmond Road), 31.0' west of the center line of Route 645 (Airport Road).
- REFERENCE MARK NO. 3:** A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located in the grass median between the eastbound and the westbound lanes of Route 60 (Richmond Road), 16.5' west of the center line of the westbound lanes, 19.5' east of the center line of the eastbound lanes, 8.0' north of the edge of the pavement at the south end of the grass median.

STA 018	WITNESS POST PLACED	<u>4.0' North</u>
	OF THE STATION	
RM1	WITNESS POST PLACED	<u>3.0' Northeast</u>
	OF THE MARK	
RM2	WITNESS POST PLACED	<u>6.0' Northeast</u>
	OF THE MARK	
RM3	WITNESS POST PLACED	<u>3.0' West</u>
	OF THE MARK	

Station Name: 18

Latitude (dms)	37 18 45.48748
Longitude (dms)	76 43 56.31227
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3656680.948
Northing(Y) in meters	1110144.603
Easting (X) in US Survey ft	11996960.744
Northing(Y) in US Survey ft	3642199.420
Easting (X) in international ft	11996984.738
Northing(Y) in international ft	3642206.704
Scale	.99994586
Convergence (dms)	1 4 22.280

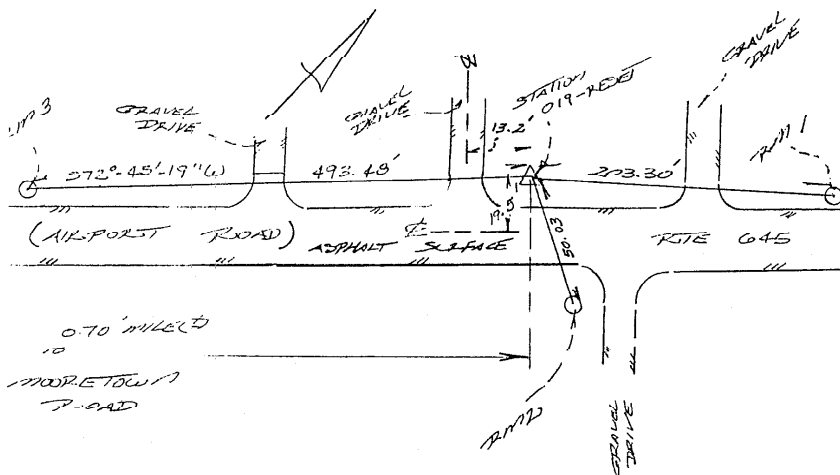


# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

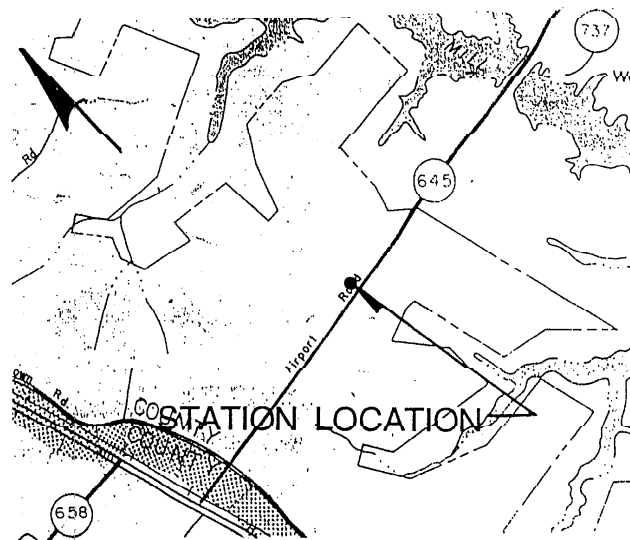
## APRIL 1990 SUPPLEMENT

VIRGINIA STATE PLANE COORDINATES--SOUTH ZONE (NAD 1983)				VERTICAL DATA	
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)	
019-RESET	Meters	3658060.232	1110420.763	Elevation of Station = 82.91'	
	U.S. Survey Ft.	12001485.946	3643105.452	FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
	Int'l Fl.	12001509.949	3643112.738		
REFERENCE AND AZIMUTH MARK LOCATIONS				COUNTY/CITY YORK COUNTY	DISTRICT BRUTON
OBJECT	BEARING	DISTANCE	ELEVATION	STATION NUMBER	
RM1	N67°32'03"E	203.30'	---	019-RESET	
RM2	S62°19'24"E	50.03'	---		
RM3	S72°45'19"W	493.48'	---		
				FIELD BOOKS  PS 321/25 PS 326/47	

LOCATION SKETCH (Not to Scale)



LOCATION MAP (Scale: 1"=2000')



## STATION DESCRIPTION

- STATION 019-RESET:** A 3¼" disk in concrete, flush with the ground surface, stamped "STATION NO. 019-RESET". The disk is located on Route 645 (Airport Road), approximately 0.7 mile north of Route 603 (Mooretown Road), 19.5' northwest of the center line of Route 645 (Airport Road), 4.0' north of the edge of the concrete culvert pipe.
- REFERENCE MARK NO. 1:** A 2" disk in concrete, approximately 5" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 33.5' northwest of the center line of Route 645 (Airport Road), 26.0' east of the center line of the asphalt private entrance road.
- REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 16.5' southeast of the center line of Route 645 (Airport Road), 22.0' west of the center line of the gravel driveway at 425 Airport Road.
- REFERENCE MARK NO. 3:** A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 17.0' northwest of the center line of Route 645 (Airport Road), approximately 15.0' east of the edge of the cultivated field.

STA 019-RESET	WITNESS POST PLACED <u>34.0' WEST</u> OF THE STATION
RM1	WITNESS POST PLACED <u>2.5' NORTH</u> OF THE MARK
RM2	WITNESS POST PLACED <u>5.5' SOUTHWEST</u> OF THE MARK
RM3	WITNESS POST PLACED <u>4.0' NORTHWEST</u> OF THE MARK

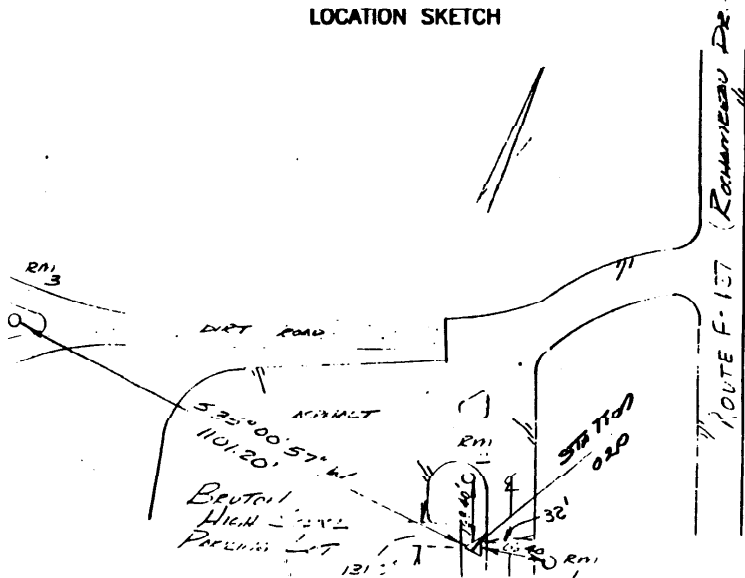
**STATION NAME:** 019-RESET

Latitude (dms)	37	18	53.60277
Longitude (dms)	76	43	.09325
State Plane Zone (4502) Virginia South			
Easting (X) in meters	3658060.232		
Northing (Y) in meters	1110420.763		
Easting (X) in US Survey ft.	12001485.946		
Northing (Y) in US Survey ft.	3643105.452		
Easting (X) in international ft.	12001509.949		
Northing (Y) in international ft.	3643112.738		
Scale	.99994582		
Convergency (dms)	1	4	56.401
YO	1114764.183		

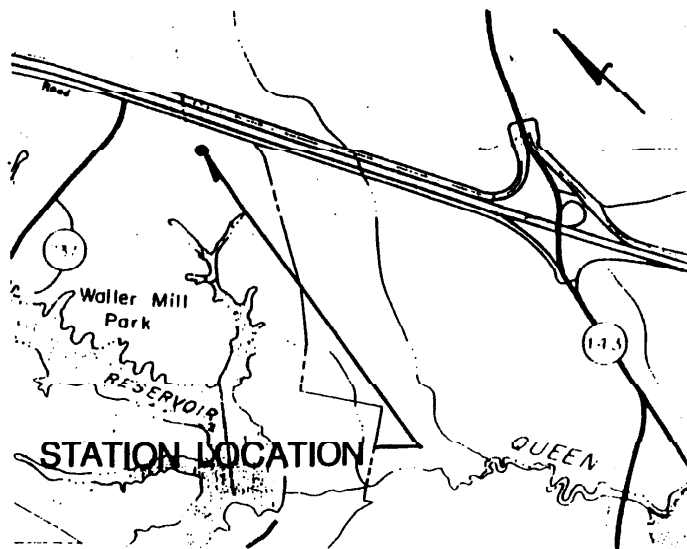
# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)				VERTICAL DATA	
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)	
020	Meters	3660247.097	1110174.072	Elevation Of Station= 72.82'	
	U S Survey ft.	12008660.684	3642296.103		
	Int'l ft.	12008684.701	3642303.387		
REFERENCE AND AZIMUTH MARK LOCATIONS				FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
OBJECT	BEARING	DISTANCE	ELEVATION	COUNTY/CITY YORK COUNTY	DISTRICT BRUTON
RM1	N57°58'12"E	66.40'	---	STATION NUMBER:  <b>020</b>	FIELD BOOKS  PS 321/ 34
RM2	N32°30'55"W	168.40'	---		
RM3	S35°00'57"W	1,101.20'	---		

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

- STATION 020: A 3-1/4" disk in concrete, approximately 4" below the ground surface, stamped "STATION NO. 020". The disk is located on the grounds of Bruton High School, in the grass median between the main entrance road and the parking lot, 32.0' southwest of the center line of the main entrance road, 2.0' north of the concrete platform for the light pole.
- REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located adjacent to the main entrance road to Bruton High School, 34.5' northeast of the center line of the main entrance road, opposite STATION 020.
- REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located in the grass median between the main entrance road and the parking lot of Bruton High School, 33.5' southwest of the center line of the main entrance road, 36.5' north of the concrete platform for the light pole.
- REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 6" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located at the fork in the dirt road at the rear of the fields adjacent to Bruton High School, 9.0' southeast of the west fork road, 16.0' northwest of the southwest fork road, 28.0' south of the southern point of the fork.

STA 020	WITNESS POST PLACED <u>3.0' Southeast</u> OF THE STATION
RM1	WITNESS POST PLACED <u>4.0' East</u> OF THE MARK
RM2	WITNESS POST PLACED <u>3.0' South</u> OF THE MARK
RM3	WITNESS POST PLACED <u>5.0' South</u> OF THE MARK

Station Name: 20

Latitude (dms)	37 18 44.25260
Longitude (dms)	76 41 31.48316
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3660247.097
Northing(Y) in meters	1110174.072
Easting (X) in US Survey ft	12008660.684
Northing(Y) in US Survey ft	3642296.103
Easting (X) in international ft	12008684.701
Northing(Y) in international ft	3642303.387
Scale	.99994586
Convergence (dms)	1 5 50.181